| Ref<br># | Hits   | Search Query                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|---------|------------------|
| S1       | 3      | (("6269435") or ("5197140") or<br>("5978838")).PN.                                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT;<br>USOCR    | OR                  | OFF     | 2006/09/26 11:10 |
| S2       | 50     | ("5307506" "4616313" "5513366" "5758176" "6173389" "5418973" "5592348" "5596737" "5612834" "5627946" "5752271" "5805875" "5887183" "5944816" "6081880" "5261113" "5361367" "5481743" "5799163" "5826096" "6192384" "6202141" "3614742" "3573851" "4287566" "4819155" "4839845" "4949247" "4956800" "5204828" "5210836" "5293637" "5327541" "5430888" "5437043" "5452425" "5471593" "5537606" "5598545" "5694588" "5727229" "5812147" "5832533" "5859789" "5864703" "5867683" "5890222").pn. | USPAT              | OR                  | OFF     | 2006/02/08 10:14 |
| S3       | 6664   | complex with (real and imaginary)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR                  | ON      | 2006/02/08 10:28 |
| S4       | 169    | complex with (real and imaginary) with (instruction or operation)                                                                                                                                                                                                                                                                                                                                                                                                                           | USPAT              | OR                  | OFF     | 2006/02/08 10:30 |
| S5       | 3806   | "floating point unit"                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR                  | ON      | 2006/02/08 10:31 |
| S6       | 1      | S4 and S5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT | OR                  | ON      | 2006/02/08 10:32 |
| S7       | 109425 | (dual or two or pluaral or second)<br>adj2 (instruction or operation)                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR                  | ON      | 2006/02/08 10:32 |
| S8       | 451    | "same operands"                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT | OR                  | ON      | 2006/02/08 10:33 |
| S9       | 37     | S7 same S8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT | OR                  | ON      | 2006/02/08 10:37 |
| S10      | 297    | shar\$3 near2 operand                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR                  | ON      | 2006/02/08 10:37 |
| S11      | 12     | S10 same S7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT | OR                  | ON      | 2006/02/08 10:53 |
| S12      | 219    | second\$3 adj opcode                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT | OR                  | ON      | 2006/02/08 10:55 |
| S13      | 2      | "asymmetric SIMD"                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR                  | ON      | 2006/02/08 10:56 |
| S15      | 68     | second\$3 adj3 ("floating point unit" or "FPU")                                                                                                                                                                                                                                                                                                                                                                                                                                             | USPAT              | OR ·                | OFF     | 2006/02/08 16:21 |
| S16      | 12     | (two or dual or multiple) adj3<br>"register file" with shar\$3                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT              | OR                  | ON      | 2006/02/08 15:47 |

|     | 1     |                                                                                                                                                                                                                                                                                                                                                           |                              |    |     |                  |
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| S21 | 1     | "6779101".pn.                                                                                                                                                                                                                                                                                                                                             | USPAT                        | OR | OFF | 2006/02/09 08:57 |
| S22 | 8     | ("4745605"   "5463746"   "5636352"<br>  "5652852"   "5895469"  <br>"6044450"   "6233674"  <br>"6263429").PN.                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/02/09 08:58 |
| S23 | 1     | "6061787".pn.                                                                                                                                                                                                                                                                                                                                             | USPAT                        | OR | OFF | 2006/02/09 10:12 |
| S24 | 3012  | vliw                                                                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/09 10:12 |
| S25 | 27    | S24 same (shar\$3 adj3 "register files")                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/09 10:12 |
| S26 | 47    | parallel near2 ("floating point units" or FPU)                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/09 10:27 |
| S27 | 3     | S26 and vector.ab.                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/09 11:00 |
| S29 | 3     | "complex number arithmetic".ab.                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/09 11:02 |
| S30 | 0     | "real and imaginary numbers".ab.                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/09 11:02 |
| S31 | 904   | (real near2 imaginary) near2 number                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/09 11:02 |
| S32 | 12    | S31.ab. ·                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/09 11:04 |
| S33 | 48    | S31 and "register file"                                                                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/09 11:05 |
| S34 | 2     | S31 same "register file"                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/09 15:43 |
| S35 | 1     | "5019968".pn.                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/09 15:43 |
| S36 | 17    | (US-20020023201-\$ or<br>US-20020087821-\$ or<br>US-20030086620-\$ or<br>US-20030154226-\$).did. or<br>(US-5187796-\$ or US-5574939-\$ or<br>US-5598546-\$ or US-5600810-\$ or<br>US-5636352-\$ or US-5673407-\$ or<br>US-5923341-\$ or US-6675187-\$ or<br>US-6779101-\$ or US-6907518-\$ or<br>US-6920546-\$ or US-6920562-\$ or<br>US-6928533-\$).did. | US-PGPUB;<br>USPAT           | OR | OFF | 2006/02/13 08:49 |
| S37 | 2     | S36 and multiply near2 add                                                                                                                                                                                                                                                                                                                                | USPAT                        | OR | OFF | 2006/02/13 08:49 |
| S38 | 8     | MAC same "3 operands"                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/13 10:31 |
| S40 | 9     | simultaneous near2 add near2<br>subtract                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/13 10:50 |
| S45 | 12123 | "712"/.ccls.                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT           | OR | ON  | 2006/02/13 11:10 |

|     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <u></u>            | r   |     |                  |
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| S46 | 132   | S45 and "complex number"                                                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 13:27 |
| S47 | 4023  | "multiple operations"                                                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 13:27 |
| S48 | 7191  | "single instruction"                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 13:28 |
| S49 | 102   | S47 same S48                                                                                                                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 13:40 |
| S50 | 2896  | simd or "single instruction multiple data"                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 13:40 |
| S51 | 114   | "shared operands" or "common operands"                                                                                                                                                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 13:41 |
| S52 | 13    | S50 and S51                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 13:57 |
| S53 | 11433 | add near2 subtract                                                                                                                                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 13:58 |
| S54 | 69    | S53 near2 (simultaneous or parallel)                                                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 14:11 |
| S55 | 318   | S50 same vliw                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 14:12 |
| S56 | 37    | S55 and (multiply near add)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 15:11 |
| S57 | 41    | vliw and ("multiply add" same<br>"multiply subtract")                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 15:38 |
| S58 | 0     | "asymetric instruction"                                                                                                                                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 15:39 |
| S59 | 5     | "asymmetric instruction"                                                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 15:44 |
| S60 | 4     | asymmetric with SIMD                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT | OR  | ON  | 2006/02/13 15:44 |
| S61 | 25    | (US-20030154226-\$ or US-20020004809-\$ or US-20020023201-\$ or US-20030086620-\$ or US-20050283592-\$ or US-20020087821-\$).did. or (US-5673407-\$ or US-6920562-\$ or US-6928533-\$ or US-5081573-\$ or US-6438680-\$ or US-5187796-\$ or US-4298936-\$ or US-4231102-\$ or US-5333282-\$ or US-5721892-\$ or US-6920546-\$ or US-5923341-\$ or US-6779101-\$ or US-6675187-\$ or US-5636352-\$ or US-5574939-\$ or US-5598546-\$ or US-6907518-\$ or US-5600810-\$).did. | US-PGPUB;<br>USPAT | AND | OFF | 2006/09/22 16:11 |

| S62 | 0   | S61 imagionary same real same                        | US-PGPUB;                                | AND   | OFF | 2006/09/22 16:11 |
|-----|-----|------------------------------------------------------|------------------------------------------|-------|-----|------------------|
| 302 | J   | "register file"                                      | USPAT                                    | 1     |     |                  |
| S63 | 0   | S61 imagionary same real same register               | US-PGPUB;<br>USPAT                       | AND   | OFF | 2006/09/22 16:11 |
| S64 | 5   | S61 imaginary same real same register                | US-PGPUB;<br>USPAT                       | AND   | OFF | 2006/09/22 16:12 |
| S65 | 195 | two near5 level near5 branch near5 prediction        | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND   | OFF | 2006/09/25 09:07 |
| S66 | 0   | "touranment predictor" same branch                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND   | OFF | 2006/09/25 09:08 |
| S67 | 0   | "touranment predictor"                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND   | OFF | 2006/09/25 09:08 |
| S68 | 3   | "tournament predictor"                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND   | OFF | 2006/09/25 09:08 |
| S69 | 2   | "tournament predictor" same branch                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND   | OFF | 2006/09/25 09:14 |
| S70 | 0   | meta-predictor same branch                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND   | OFF | 2006/09/25 09:14 |
| S71 |     | metapredictor same branch                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND   | OFF | 2006/09/25 09:14 |
| S72 | 2   | meta near2 predictor same branch                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND   | OFF | 2006/09/25 09:17 |
| S73 | 48  | hybrid near2 branch near2<br>predictor\$1            | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND   | OFF | 2006/09/25 09:18 |
| S74 | 1   | hybrid near2 branch near2<br>predictor\$1 tournament | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND . | OFF | 2006/09/25 09:18 |

|     |     |                                                                                            | _                                        |     |     |                  |
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| S75 | 2   | "5317701".pn.                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND | OFF | 2006/09/26 11:10 |
| S76 | 2   | "5187769".pn.                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND | OFF | 2006/10/04 11:00 |
| S77 | 2   | "5187796".pn.                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND | OFF | 2006/10/04 11:00 |
| S78 | 2   | "5901301".pn.                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND | OFF | 2006/10/15 18:15 |
| S79 | 559 | "712".clas. "multiply accumulate"                                                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND | OFF | 2006/10/15 18:16 |
| S80 | 54  | "712".clas. "multiply accumulate"<br>with vector                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND | OFF | 2006/10/15 18:17 |
| S81 | 3   | "712".clas. "multiply accumulate"<br>with vector same operand\$1 near5<br>three            | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND | OFF | 2006/10/15 18:17 |
| S82 | 3   | "712".clas. "multiply accumulate"<br>with vector same operand\$1 near5<br>(three or third) | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND | OFF | 2006/10/15 18:29 |
| S83 | 50  | "712".clas. "multiply accumulate" with operand\$1 with instruction\$1                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | AND | OFF | 2006/10/15 18:29 |